AMENDMENT TO THE CLAIMS

The following claim listing replaces all prior listings and versions of the claims:

LISTING OF CLAIMS

1–3.   (Canceled)

4.   (Currently amended) A rotational velocity controlling system in an information recording/reproducing apparatus which records and reproduces information on/from an information recording medium, the system comprising:

revolution number detecting means for detecting the number of revolutions of the information recording medium;

linear velocity detecting means for detecting the linear velocity at an information recording/reproduction position on the information recording medium;

control information generating means for generating rotation control information used for controlling the rotational velocity of the information recording medium based on the revolution number information obtained by the revolution number detecting means and the linear velocity information obtained by the linear velocity detecting means; and

driving means for rotating the information recording medium based on the rotation control information generated by the control information generating means,

wherein:

the control information generating means used the revolution number information obtained by the revolution number detecting means and the linear velocity information obtained by the linear velocity detecting means to divide one of these information by the other;

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the control information generating means generates a revolution number error as a difference between the revolution number information and an operation result value obtained by the division;

the control information generating means outputs the revolution number error as the rotation control information to the driving means, and

the control information generating means includes numerical range limiting means for limiting the numerical range of the operation result value,

~~The rotational velocity controlling system of claim3,~~ wherein the numerical range limiting means is upper limit means for limiting an operation result value which exceeds a predetermined value to the predetermined value.

5.   (Canceled)